

# SERVICE INFORMATION

## Vol. 1 No. 13

# LAND-ROVER PETROL AND DIESEL MODELS



Rover  
British Leyland UK Limited,  
Solihull, Warwickshire, England

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The headings in this index are in the same sequence as the divisions in the Repair Operation Manual. Under these headings each item is detailed alphabetically with the appropriate manual section or division number for easy reference. The last two columns indicate numerically the individual items covered and the issue in which they appeared.

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\* Item contains suffix letter change  
Policy items printed in bold type.

#### Item 54

**SUBJECT: CYLINDER BLOCK PLUGS**

**MODELS:** Land-Rover Series III, 2½ petrol and diesel.

**MODIFICATION:** Introduction of cup plugs to replace core plugs.

#### PCMI

**TRANSPARENCY:** The information detailed in this item will be incorporated in the next available transparency.

#### LITERATURE

**AFFECTED:** Land-Rover Series III Parts Catalogue, Supplement Part No. 608049, pages 14.13 and 14.52.

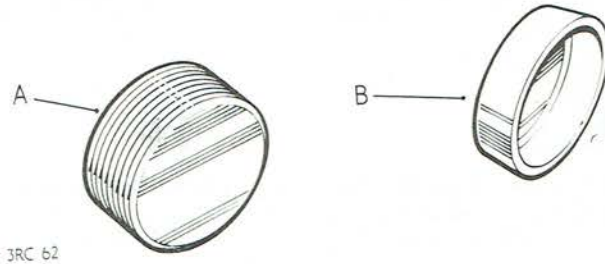
**PART NUMBERS:** Cup plug for cylinder block .. .. . 2 597586

#### COMMENCING NUMBERS:

Engine serial numbers:  
Series III 2½ petrol, 8:1 compression ratio, from 90128693A onwards.  
Series III 2½ petrol, 7:1 compression ratio, from 90409601A onwards.  
Series III 2½ diesel, from 90613322A onwards.  
Series III 2½ petrol, U.S.A. hard top, from 25601304A onwards.

## REMARKS:

Cup plugs are now fitted in place of the threaded core plugs from the above engine serial numbers onwards.  
Both plugs will be stocked by our Parts Department at Cardiff as they are not interchangeable.



**Fig. 1 Identification of cylinder block plugs**

A—Core plug  
B—Cup plug

## Item 55

## SUBJECT:

**EXHAUST MANIFOLD CRACKING**

## MODELS:

Land-Rover Series III  $2\frac{1}{4}$  litre petrol.

## MODIFICATION:

Introduction of anti-seize compound to reduce tendency for the exhaust manifold to crack.

## LITERATURE AFFECTED:

Land-Rover Repair Operation Manual, English, Part No. 607314, Operation 30.15-01.

## PART NUMBER:

Anti-seize compound (Rocol Limited) .. .. Foliac J 166 (paste)

## COMMENCING NUMBERS:

Engine serial numbers:

Series III  $2\frac{1}{4}$  litre petrol, 8:1 c. ratio, from 90129286A onwards.

Series III  $2\frac{1}{4}$  litre petrol, 7:1 c. ratio, from 90409678A onwards.

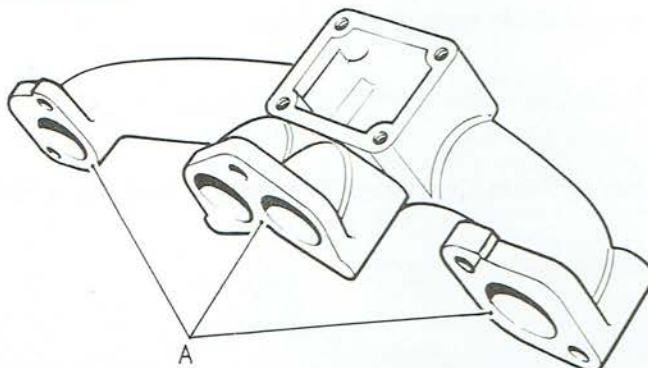
Series III  $2\frac{1}{4}$  litre petrol, U.S.A. hard top, from 25601327A onwards.

## REMARKS:

To reduce the tendency for exhaust manifolds to fracture in service, the cylinder head engaging surfaces of the manifold should be moderately coated with 'Foliac' anti-seize compound. Care must be taken to ensure that the manifold faces are clean and flat and the coating of the compound is applied just prior to fitting the assembly to the cylinder head. The manifold fixings should then be tightened to 1,3 kgfm (10 lbf ft).

This anti-seize compound is not stocked by Rover British Leyland UK Ltd. and should be obtained from local motor factors. In the event of supply difficulties apply direct to the manufacturers:

Rocol Limited,  
Rocol House,  
Swillington,  
LEEDS LS26 8BS.



3RC 76

**Fig. 2 Application of Foliac anti-seize compound to exhaust manifold**  
A—Apply compound moderately to these areas

**Item 56**

**SUBJECT: GEAR LEVER BALL END**

**MODELS:** Land-Rover Series III.

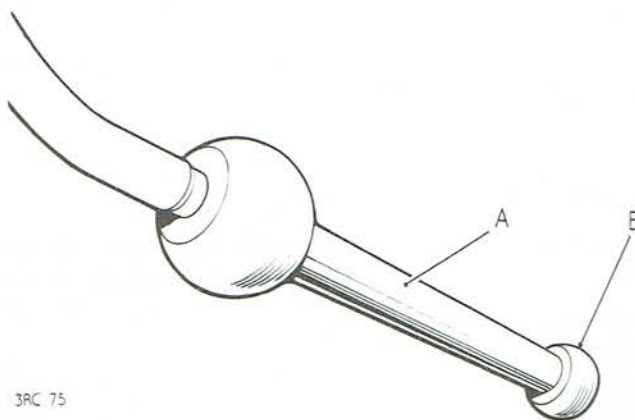
**MODIFICATION:** Introduction of finalised details in respect of gear lever ball end originally introduced in Service Information Vol. 1, No. 7, item 23.

**PART NUMBERS:** Gear change lever with ball end only:

4 cylinder models, RHStg	..	..	..	..	..	..	..	..	1	571666
4 cylinder models, LHStg	..	..	..	..	..	..	..	..	1	571667
6 cylinder models, RHStg	..	..	..	..	..	..	..	..	1	576576
6 cylinder models, LHStg	..	..	..	..	..	..	..	..	1	576577

**COMMENCING NUMBERS:** Gearbox serial numbers:  
 Land-Rover 2½ litre, from 90134983A onwards.  
 Land-Rover 2.6 litre, from 94103134A onwards.

**REMARKS:** A few isolated failures have occurred since the introduction of the revised material specification. These failures were experienced in one batch only which was subsequently found to be to an incorrect material specification.  
 This situation has now been rectified and all supplies from the above gearbox serial numbers are to the correct specifications.  
 Any failures of gear lever ball ends on gearboxes after the above numbers should be reported immediately to the Technical Service Department, using the appropriate Product Defect Report Form: UK Part No. AKD 8002, Export Part No. AKD 5181.



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**Fig. 3 Gear lever ball end**

A—Gear change lever  
 B—Ball end

**Item 57**

**SUBJECT: REAR CROSS MEMBER**

**MODELS:** Land-Rover Series IIA and III.

**MODIFICATION:** Introduction of rear cross member as a separate item to avoid the need of a complete chassis frame to be fitted where the damage is restricted to the rear cross member.

**PCMI TRANSPARENCY:** The information detailed in this item will be incorporated in the next available transparency.

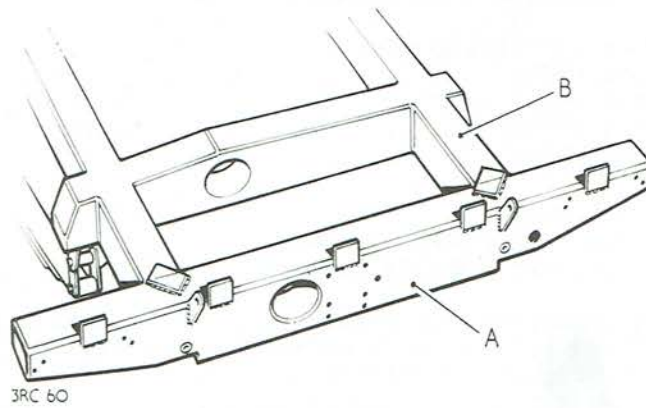
**LITERATURE AFFECTED:** Land-Rover Series IIA Parts Catalogue, Part No. 608024, page 07 08.  
 Land-Rover Series IIA Workshop Manual, part two, English, Part No. 606408, Operation Q1-13.  
 Land-Rover Series III Repair Operation Manual, English, Part No. 607314, Operation 76.10.11.

**PART NUMBER:** Rear cross member .. .. . 1 277967

## REMARKS:

Owing to its location and the subsequent danger of exposure to corrosion and susceptibility to rear collision damage the rear cross member on the chassis frame is now available from our Parts Department at Cardiff as a separate item under the above part number.

Although the replacement of the rear chassis cross member can be effected without the use of a jig, the rear body must be removed as detailed in the appropriate Workshop or Repair Operation Manual.



**Fig. 4 Rear cross member location**

A—Rear cross member  
B—Chassis frame